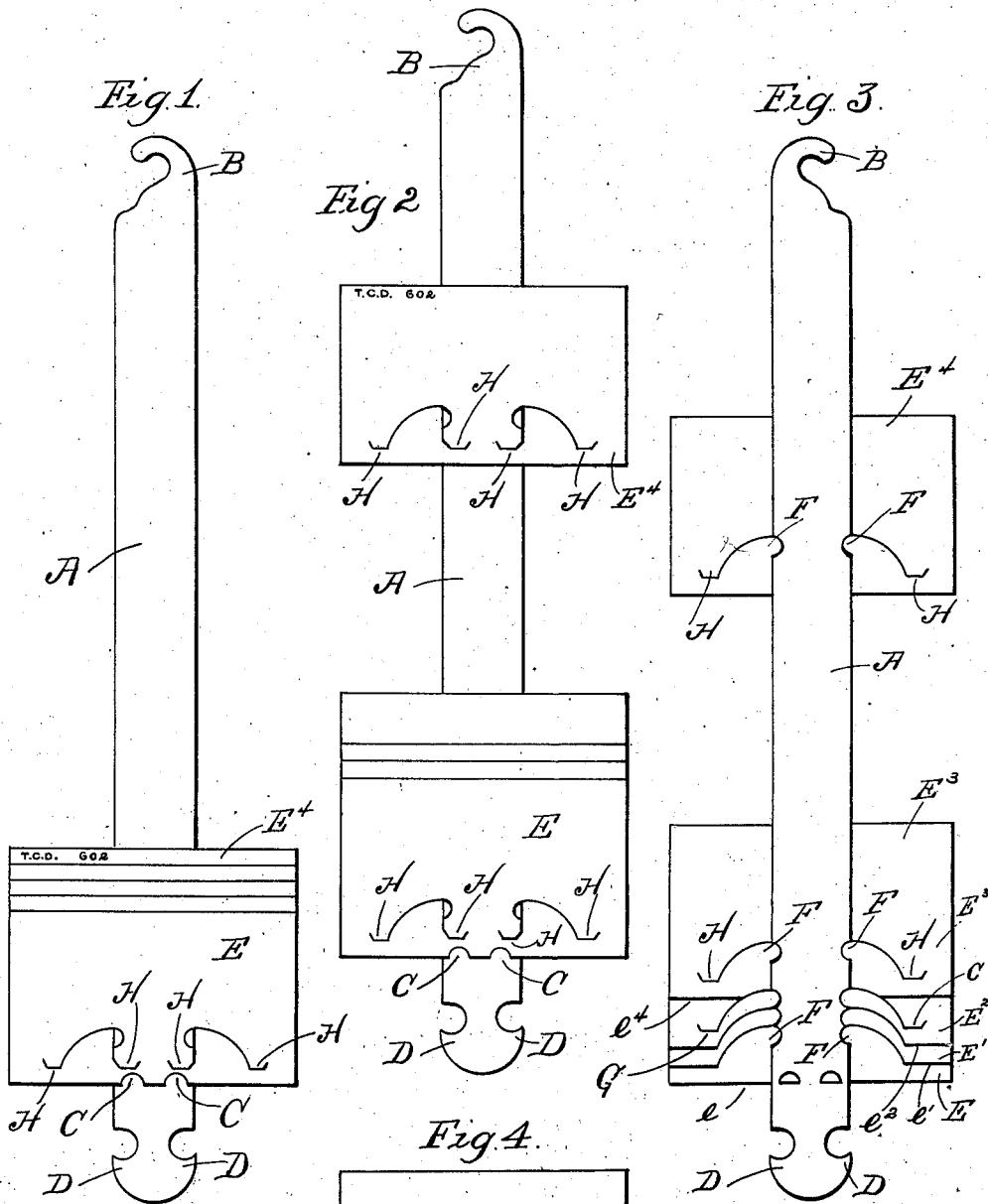
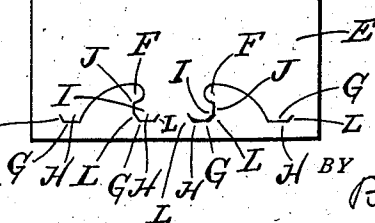


1,048,056.

Patented Dec. 24, 1912.



WITNESSES:
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INDEX OR FILE.

1,048,056.

Specification of Letters Patent.

Patented Dec. 24, 1912.

Application filed March 13, 1908. Serial No. 420,826.

To all whom it may concern:

Be it known that I, IRVING FISHER, of the city and county of New Haven and State of Connecticut, have invented new and useful

5 Improvements in Indexes or Files, of which the following is a full, clear, and exact description, when taken in connection with the accompanying drawings, which form a part thereof.

10 This invention relates to indexes or files, and more particularly to that class in which each of the cards or members is overlapped by the succeeding card or member and projects a short distance beyond the overlapping member so as to disclose to the eye of

15 the person using the file at all times without the necessity of manipulation a part of the card on which may appear any desired indicia or memoranda. To accomplish this

20 object the separate members are mounted on a support where they are held in a substantially flat position.

For the purposes of ready manipulation when it is desired to change any member or

25 revise the order or arrangement, each member is separately removable from the support and the members are movable longitudinally on the support so that the distance between any two members may be increased

30 or decreased at will.

In the particular form herein shown and described a tongue or tongues project from the rear of each member to engage the support. As these tongues are flexible they

35 may be bent in assembling or releasing the members on the support, and as they project from the body of the card instead of from the upper or lower edges of the member, the member is held substantially flat

40 and prevented from assuming a position at right angles to the support. Again, the longitudinal movement of each card is limited by the juncture of its overlapping card with its tongue, so that the tongues perform

45 the double function of engaging a card with its support and limiting the movement of the next succeeding card.

To these and other ends the invention consists of the several improvements and combinations of parts hereinafter set forth and

50 claimed.

Referring to the drawings for a more particular description, Figure 1 represents a

55 front view of an index or file embodying my invention, having a series of cards mounted on the support, Fig. 2, a similar view with

one of the cards moved longitudinally on the support away from the others, Fig. 3, a reverse view of the same, and Fig. 4, a detail view of one of the cards.

In all figures, similar letters of reference

60 represent like parts.

The part designated by the letter A represents a support which may be of any desired form, but herein shown in its simplest form

65 as a thin strip of metal, at the upper end of which is a hook B adapted to take over a horizontally projecting pin, or other convenient means, from which the support A may hang. Near the lower end of the support

70 two lips C are stamped out of the metal, adapted to engage and limit the downward movement of any of the members or cards mounted on the support. The lower end of

75 the support below the lips is provided with lateral hooks D adapted to engage some suitable device to prevent the lateral movement of the support A.

E represents one of the cards or members adapted to be mounted on the support. The

80 particular means herein shown for holding the card on the support consist of a tongue or tongues F, which are adapted to engage the support. Two tongues are shown on each card projecting toward each other so

85 that they will grip the support between them. The support fits between the extreme tips of the tongues and the card, and the card may be slid longitudinally on the support. As the tongues are flexible, they may be bent so

90 that the cards may be laterally assembled on or removed from the support. The tongues do not project from the upper or lower edge of the card, but from a point between, so that when engaging the support they tend to

95 hold the card in a substantially flat position.

In order to provide that a portion of each card will project somewhat beyond its overlapping card the tongues F project from the card a slight distance from its lower

100 edge. Here, as shown more particularly in Fig. 3, when one card as E' is already on the support, and another card, as E², is slipped down, its movement will be limited by its lower edge e² coming in contact with

105 the union of the tongue of the overlapping card with that card.

In the card, as shown more particularly in Fig. 4, the tongues are cut from the card itself, and the lowest points or lines of severance

110 G are on the same horizontal line, so that when the next succeeding card is in

place on the support and the straight edge at the bottom comes into contact with the line of severance of the tongue of the overlapping card, this edge will rest on the card at more than one point simultaneously, thus minimizing the strain at any one point and preventing the tearing of the card. Not only are the lowest points or lines of severance of each tongue on the same horizontal line, but the lowest points or lines of severance of both tongues are on the same line. To further insure against tearing a horizontal line H is cut on each side of the tongue, so that the lower edge of the succeeding card will not necessarily rest and rub on the same points each time, but will have a broader bearing surface on the overlapping card.

To more firmly grip the support and prevent the lateral movement of the cards on the support the tongues F are provided with recesses I adapted to engage the sides of the support. These recesses I have straight edges J against which the sides of the support are adapted to bear, and the lines present a broad bearing surface, so as to lessen the wear at any one point. To prevent tearing, the corners where the tongue is severed from the card, as at L, are beveled, thereby avoiding an angle that might be torn at the apex.

By my construction each card or member may be engaged on the support or removed therefrom separately, and the cards are capable of longitudinal movement on the support. Each card also projects a short distance beyond its overlapping card so that a portion of its face is at all times visible. On this portion of the face, as shown more particularly in Fig. 1, any desired memorandum may be placed to indicate the contents of the card or member.

When it is desired to remove any number of cards together from one support to place them on another, the upper end of the new support may be inserted longitudinally over the support holding the cards and between the support and the cards so that it will enter between each card and its tongue. When the new support has been inserted under the desired number of cards, the support will be moved laterally away from the former support, and the flexibility of the tongues will permit all the cards engaged by the new support to be released from the former support simultaneously. In this way, a group of cards from any part of a support may be removed at one time.

By the arrangement set forth in this application in which a card may be engaged by an overlapping card and held between the overlapping card and its tongue, there will be a certain engagement between adjacent cards themselves irrespective of the support.

As a matter of fact, the aforesaid tongues or their equivalents form a means whereby the cards may be nested together in frictional interlocked relation, and they also form a means for holding the nested cards overlapped to a predetermined extent only. Another important advantage of the device is the easy removal of the cards in a lateral direction from the relatively rigid supporting member therefor.

Having now described my invention (which may vary in its details, without departing from the spirit thereof), what I claim and desire to secure by Letters Patent, is:—

1. In an index or file, the combination of a card or member, a relatively rigid elongated support therefor of less width than said card or member, and means for slidably securing said card or member flatwise to said support for movement longitudinally of the latter, said connection permitting removal of the card or member laterally of the support; substantially as described.

2. An index or file, comprising a plurality of successively overlapping cards or members, a support therefor, and means for holding said cards flatwise on said support and overlapped to a predetermined extent only; substantially as described.

3. An index or file, comprising a card, a supporting strip therefor narrower and more rigid than the card, and means to engage said card slidably with said supporting strip intermediate of the ends of the card, and to hold the card flatwise on the latter; substantially as described.

4. An index or file comprising supporting means, a detachable member or card, and means on the card for engaging the same with said supporting means to hold said card substantially in the plane of said means and to permit a sliding longitudinal movement of the card on said supporting means while preventing a lateral sliding movement of the card on said means; substantially as described.

5. An index or file comprising a flat support; a detachable member or card; and means on said member or card for slidably engaging said support to hold said member or card thereon in substantially the plane thereof, substantially as described.

6. A plurality of index or file cards having means whereby they may be nested together in overlapped relation; substantially as described.

7. In an index or file, a series of overlapped cards, and means on each card to engage the adjacent card and thereby hold said cards overlapped to a predetermined extent only; substantially as described.

8. An index or file comprising a card or member, and a support therefor, said card or member having integral means to hold

it flatwise and slidably on said support; substantially as described.

9. An index or file comprising supporting means; a series of members or cards; and means on said members or cards for slidably holding them in the plane of the supporting means and for spacing them with reference to each other to expose a margin on each, substantially as described.

10. An index or file comprising supporting means; a series of members or cards; and means for slidably holding said members or cards on said supporting means in substantially the plane thereof and spacing them in reference to each other to expose a margin on each, substantially as described.

11. In an index or file, the combination of a narrow supporting strip, a card wider than said strip, and means on the card to engage the intermediate portion of the card with the strip, and to hold the card substantially in the plane of the strip; substantially as described.

12. In an index or file, the combination of a narrow supporting strip, a card wider than said strip, and means struck up integral with the card to hold the card substantially in the plane of the strip; substantially as described.

13. An index or file, comprising supporting means; a series of separately detachable, overlapping members, each having a plurality of tongues adapted to engage said supporting means to hold said member or card in substantially the plane thereof and permit a longitudinal movement of said member or card from end to end on said supporting means.

14. An index or file comprising supporting means, and a series of separately detachable overlapping members or cards having a plurality of tongues engaged with said supporting means in such a manner that said means or cards are slidable collectively on said means, and so that a portion of each card may be flexed or bent outward to disclose the surface of the card overlapped thereby; substantially as described.

15. In an index or file, the combination of a card or member, a support therefor, and means on the card to secure the same flatwise to said support for sliding movement longitudinally of the support, and to prevent lateral sliding movement of the card on said support; substantially as described.

16. In an index or file, the combination of a card or member, a support therefor, and means on the card for holding the same flatwise on said support and for affording a sliding movement of the card lengthwise of the support and a lateral separation of the card from the support, while preventing a lateral sliding movement of the card on the support; substantially as described.

17. An index or file, comprising support-

ing means; and a series of separately detachable overlapping members, each having a plurality of tongues adapted to engage said supporting means and to limit the movement of the next succeeding member to expose a margin thereof, substantially as described.

18. An index or file, comprising supporting means; and a series of separately detachable overlapping members, each having a pair of tongues projecting toward each other and adapted to engage said supporting means, and to hold said member in a substantially flat position on said supporting means, substantially as described.

19. An index or file, comprising supporting means; a series of detachable members or cards, and means for engaging said members or cards on said support and with each other so that a series of said members or cards may be removed together from said support, substantially as described.

20. In an index or file comprising a support, a series of cards, and means for engaging said cards with said support and with each other to hold them substantially in the plane of said support and permit a bodily movement of a number of said cards as a group from one position to another on said support without detachment therefrom; substantially as described.

21. An index or file comprising supporting means; a member or card having a plurality of tongues projecting from the body thereof adapted to engage said supporting means on one side of said member or card to permit said member or card to slide on said supporting means, substantially as described.

22. An index or file, comprising supporting means; and a series of separately detachable overlapping members, each having a tongue or tongues projecting therefrom on a horizontal line above the lower edge of said member and adapted to engage said supporting means to slide thereon, substantially as described.

23. An index or file, comprising supporting means; and a series of separately detachable overlapping members each having a plurality of tongues adapted to engage said supporting means and projecting from the body of the member on the same horizontal line, substantially as described.

24. An index or file, comprising supporting means; and a series of separately detachable overlapping members each having a tongue formed from the body of the member itself adapted to engage said supporting means; and a horizontal edge separating said tongue from said member against which the succeeding member is adapted to bear, substantially as described.

25. An index or file, comprising supporting means; and a series of separately detachable overlapping members, each having

a plurality of tongues projecting therefrom and adapted to engage said supporting means, said tongues having a straight edge against which the lateral edge of said support bears, substantially as described.

26. A card for an index or file having a pair of tongues projecting toward each other from the body thereof above the lower edge, substantially as described.

27. An index or file comprising a flat strip and a series of members or cards each having a plurality of tongues formed from the body thereof adapted to engage said strip and limit the next member or card so that a margin of the same will be exposed, substantially as described.

28. An index or file, comprising a member or card, a flat support having parallel edges, and tongues on said member or card adapted to engage said parallel edges to hold said member or card in substantially the plane of said support while permitting its longitudinal movement thereon, substantially as described.

29. An index or file, comprising a series of members or cards; a flat support having parallel edges; and tongues on each of said members or cards to engage said edges to hold said member or card in substantially the plane of the support while limiting the movement of the member or members next in series substantially as described.

30. An index or file comprising supporting means; a detachable member or card; and means on said member or card for engaging said support to hold said member or card in substantially the plane of the supporting means, said member or card being movable from one position to another on said support, without being detached therefrom, substantially as described.

In witness whereof, I have hereunto set my hand on the 10th day of March, A. D. 1908.

IRVING FISHER.

Witnesses:

HETTIE E. COOPER,
SAMUEL H. FISHER.